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INFORMATION ON NONMETALLIC ORE DEPOSITS IN CHINA

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Shanghai, 16 Apr 1953

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[Comment: The following chart gives the location of deposits, an estimate of the extent of the deposits, and the production of coal, petroleum, sulfur, niter, phosphorous, salt, mica, asbestos, graphite, fluorspar, barites, nitro-magnesite, and gypsum in China. The coal deposits in China are estimated at 444.5 billion tons, and the annual production at about 70 million tons. The petroleum deposits in China are estimated at about 700 million tons. The iron sulfide deposits were estimated at about 50 million tons, from which 10 million tons of sulfur may be extracted. The annual production of sulfur is estimated at 5,000 tons. The annual production of niter is estimated at about 6,500 tons; salt, 3 million tons; and asbestos, 3,000 tons.

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<u>Name of Ore</u>	<u>Location of Deposit</u>	<u>Amount of Deposit and Production</u>
Coal	Shansi: Yang-ch'uan, Lu-an, Ta-t'ung	A recent estimate indicates that the total coal deposit for the entire country is 444.5 billion tons. Annual production was about 70 million tons. Coal production centers are Fu-shun and K'ai-wan.
	Hopeh: K'ai-luan (開 炭) in T'ang-shan; Feng-feng (豐 峯) in Tz'u-hsien; Ching-hsing in Liang-hsiang	
	Honan: Chiao-chu, Kuan-yin-t'ang, Lung-men Kung-hsien, I-lo	
	Shantung: Tzu-po	
	Suiyuan: Pao-t'ou	
	Liaotung: Liao-yang, T'ung-hua, Sai-ma, Yen-t'ai, T'ien-shih-fu, Fu-shun	
	Liaosi: Fou-hsin, Hei-shan, Chin-hsi	
	Jehol: Chao-yang, Ch'ih-feng, Hsing-lung, Ch'ing-p'ing, Lung-hua	
	Kirin: Chiao-ho	
	Sunglung: Chi-yen, Hao-kang	
	Inner Mongolia: Lu-pin	
	Shensi: T'ung-kuan, Pai-shui, P'u-ch'eng, Lung-hsien	

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Kansu: Kao-lan  
Tsinghai: Ta-t'ung, Hsi-ning  
Sinkiang: Urumchi, Turfan  
Szechwan: Pei-p'ei, Chien-wei  
Sikang: Hui-li  
Yunnan: Mi-lo, I-p'ing-lang  
Kweichow: T'ung-tzu, Kuei-yang, An-shan, Tu-yun  
Anhwei: Huai-nan  
Kiangsi: P'ing-hsiang  
Hupei: Ta-yeh, I-ch'ang  
Hunan: Hsiang-hsiang, Lei-yang, I-chang, Shao-yang, Hsin-hua  
Fukien: Shao-wu, Ch'ung-an, Chien-ou, Lung-yen  
Kwangsi: Ch'u-chiang, Ju-yuan, Lo-ch'ang, Shih-hsing, Ho-shan

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Petroleum	Sinkiang:	Urunchi, Sui-lai, Wu-su, Chuguchak, Sha-ch'e (莎 車), Aksu, Kucha	A recent estimate gives the petroleum deposit for the entire country is about 700 million tons. Sinkiang, north Shensi, and the North-east are the areas which have the largest deposits.
	Kansu:	Lao-chun-miao (老 君 廟) in Yu-men, Chiu-ch'uan, Min-ho, Ch'ao-shui	
	Shensi:	Yen-ch'ang, Yen-ch'uan, Pao-ch'eng, Chung-shan (shale)	
	Hopeh:	T'ang-shan	
	Liaotung:	Fu-shan	
	Liaosi:	Fou-hsin	
	Jehol:	Ling-yuan	
	Sungkiang:	Hua-nan	
	Szechwan:	Pa-hsien, Chiang-ching, Ch'i-chiang, Feng-ch'i, Sui-ning	
Sulfur	Kwangtung:	Ying-te, Hsin-i, Lung-men, Yun-fou	Sulfur is mainly extracted from iron sulfide in China. It is estimated that the deposit is about 50 million tons, from which 10 million tons of sulfur may be extracted. The annual production of sulfur is estimated at 5,000 tons.
	Hunan:	Ch'ang-ning, Ch'en-hsien, Hsiang-hsiang, An-hua	
	Anhwei:	Tang-t'u	
	Yunnan:	Ko-chiu, P'ing-i, Lo-p'ing, Pao-shan	

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	Szechwan:	Kuang-yuan, Kung-hsien	
	Kweichow:	Yen-ho, Ssu-nan	
	Honan:	Hsin-an, Po-ai	
	Hopeh:	Wei-hsien, Hsuan-hua	
	Shansi:	Yang-ch'eng, Yang-ch'uan, Hun-yuan, Kuang-ling, Pen-ch'i, Liao-yang	
Niter (for the manufacture of fertilizer, ni- tric acid, glass, and gunpowder)	Honan:	Hsia-i, K'ai-feng	Annual production is estimated at about 6,500 tons.
	Shantung:	Tung-ch'ang	
	Kiangsu:	Hsu-chou, Tung-hai	
	Hunan:	Tz'u-li, Sung-chih	
	Szechwan:	Chiung-lai, Lo-shan, Wu-shan, Yun-yang	
	Sikang:	T'ien-ch'uan, Jung-ching	
	Kansu:	Lan-chou	
Phosphorous (for the manu- facture of fer- tilizer, phos- phoric acid)	Yunnan:	K'un-yang, Ch'eng-kung, Kao-ming, K'un- ming, Ch'eng-chiang, Chin-ning	It is estimated that the deposit in Yunnan is approximately 20 million tons and that in Tung-hai is approximately 2 million tons.
	Kiangsu:	Chin-p'ing-shan (锦屏山), Nan- pao-shan (南炮山) in Tung-hai	
	Kwangtung:	Hsi-sha Islands	

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Salt

Hopeh: Ch'ang-lu

In the past the annual production of salt was about 3 million tons.

Szechwan: Tzu-liu-ching (自流井), Kung-ching

Yunnan: Kwang-t'ung (廣通)

Sikang: Yen-yuan (鹽源)

Shansi: Chieh-ch'ih (解池)

Shensi: P'u-ch'eng, Fu-p'ing

Kansu: Kao-t'ai Salt-Lake (高台)

Ningsia: Chi-lan-t'ai Salt Lake (吉蘭泰)

Tsinghai: Ch'a-ch'ia Salt Lake (茶卡)

Suiyuan: Liang-ch'eng Sea (涼城)

Inner

Mongolia: Wu-chu-mu-ch'in Salt Lake (烏珠穆沁)

Hupeh: Ying-ch'eng

Tibet, Sinkiang, Shantung, Chekiang, Fukien, and Kwangtung also produce salt

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Mica                      Sikang:      Tan-pa, Lu-ting, Yueh-chien  
                             Suiyuan:      Ku-yang  
                             Hopeh:       P'ing-shan  
                             Honan:       Chen-p'ing  
                             Kiangsu:     Shu-yang

Asbestos (use              Sikang:      Fu-lin, Yueh-sui, Hui-li  
in insulation)

In the past the annual production of asbestos  
was 3,000 tons

Kweichow:      Shui-ch'eng  
Szechwan:       P'eng-hsien  
Hopeh:           Lai-yuan, P'ing-shan  
Honan:           Nei-hsiang  
Shantung:       P'ing-tu  
Suiyuan:          Kuei-sui  
Liaosi:           Chin-chou, Chin-hsi  
Liaotung:        Hai-ch'eng, K'uan-tien  
Anhwei:           T'ung-ch'eng, Hsi-hsien  
Shansi and Shensi also produce asbestos

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Fluorspar	Chekiang:	(over 20 hsien) Chin-huu, Wu-i, I-wu, Hsiang-shan, Chu-chi
	Hunan:	Yueh-yang
	Shantung:	Yeh-hsien
	Liaotung:	Hai-ch'eng
	Kweichow:	An-shun

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paper manufac- Hopeh: Ch'ang-p'ing  
turing

Kiangsi: Lin-ch'uan

Kwangsi: Hsiu-jen

Liaotung: Ta-shih-ch'iao (大石橋) in  
Hai-ch'eng; Kai-p'ing

Gypsum (for  
cement, fer-  
tilizer)

Honan: Hsia-hsien

Hunan: Hsiang-t'an

Kansu, Tsinghai, Ningsia, and Sinkiang have deposits

China has a vast deposit of gypsum. It is estimated that Shansi has a deposit of approximately 120 billion tons. The annual production of gypsum is approximately 60,000 tons.

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